

Claims

1. A mobile joint (1) for a seating construction, especially a chair, for mounting between a seat device (100) of a seating construction and a support (200) for this, comprising at least two joint elements (10,30) which are reciprocal limited pivoted between two extreme positions in order to allow a tilting movement of the sitting arrangement, effected by the users weight displacement,
- 10 characterised in that it contains two outer joint elements (10, 30) which are pivoted related with a middle joint element (20), wherein the rotational axis (40, 50), between the two outer joint elements (10, 30) and the middle joint element (20), is displaced in relation to each other in the
- 15 horizontal direction, whereby the joint (1) may take a stable tilting position between the two extreme positions.
2. A mobile joint (1) according to claim 1, characterised in that the middle joint element consists of at least two joint elements, wherein the joint (1) may take
- 20 several stable tilting positions between the two extreme positions.
3. A mobile joint (1) according to claim 1, characterised in that the horizontal distance between the rotational axis (40, 50) lies in the range of about 5-15
- 25 cm, preferably in the range of about 6-10 cm.
4. A mobile joint (1) according to one of the claims 1-3, characterised in that the tilting positions are restricted by reciprocal cooperating fitting surfaces (12, 21; 14, 23; 33, 22; 35, 26) between the joints.
- 30 5. A mobile joint (1) according to claim 4, characterised in that one or both of the cooperating fitting surfaces (12, 21; 14, 23; 33, 22; 35, 26) are equipped with rotational stoppers (13, 24, 34, 36).

6. A mobile joint (1) according to one of the claims 1-5, characterised in that at least two of the joint elements (10, 20, 30) are spring-loaded in relation to each other.

7. A mobile joint (1) according to claim 6,
5 characterised in that the spring-loading is obtained by a torsion spring, a spring coil, a plate spring or other elastic material, preferably a torsion spring, wherein the spring load is preferably adjustable.

8. A mobile joint (1) according to one of the preceding
10 claims,
characterised in that at least two joint elements (10, 20, 30) may be locked in relation to each other.

9. A mobile joint (1) for seating construction, especially a chair, for mounting between a seat device (100) of the
15 seating construction and a support (200) for the same,
comprising at least two joint elements (10, 30) which are reciprocal restricted pivoted against the force of a spring-load between the two extreme positions in order to allow tilting movement of the seating construction effected
20 by weight displacement of the user,
characterised in that it comprises two outer joint elements (10, 30) which are pivoted related with a middle element (20), wherein the rotational axis (40, 50) between the two outer joint elements (10, 30) and the middle joint element
25 (20) have different spring-loading in relation to each other, whereby the joint (1) may take a stable tilting position between the two extreme positions.

10. A chair comprising a seat device (100), a base (200) and a mobile joint (1) connecting the seat device (100)
30 with the basis (200),
characterised in that the mobile joint (1) is designed according to one of the preceding claims.